Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 09 Oct 2023 until 23:59 on Tuesday 10 Oct 2023

Forecast Issued on Monday 09 Oct 2023 at 03:28

Confidence: High for mainly cloudy with occasional rain through the period, but lowering for detail of timing of the brief spells of more settled weather that develop.

Headline for Monday 09 Oct 2023: Rather cloudy, but most staying dry with some limited brightness. Winds relatively light.

Mountain weather hazards on Monday 09 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny	Partly cloudy (night)	Cloudy
Precipitation probability					
10%	10%	10%	<05%	<05%	10%

Forecast for Monday 09 Oct 2023

Weather: Rather cloudy day with the chance of some patchy light rain developing across western areas of the Park, but most parts staying dry with the best of the limited brighter spells expected through the afternoon.

Chance of cloud-free hill tops above 600m: 70% in morning becoming 100% by the afternoon

Low cloud and visibility: Good becoming moderate in any rain, cloud bases occasionally down to 700m during the morning, infrequently so for the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 09 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/19 SW	15/20 SW	16/21 W	12/16 SW	11/14 SW	14/19 SW	15/21 SW
300	7/9 SW	9/12 W	10/13 W	7/9 W	6/8 SW	6/10 S	8/14 SW
Valley	2/8 SW	4/9 W	6/12 W	4/8 W	3/7 S	4/11 SE	4/12 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/10	13/10	14/11	15/13	15/13	15/13	15/12
300	15/14	14/13	16/15	17/17	16/16	16/16	16/14
Valley	14/15	15/15	17/16	18/18	15/16	16/16	15/15
Freezing Level*	2900m	2900m	2900m	3200m	3200m	3200m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Best chance of fair conditions in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 09 Oct 2023	0mm	0mm	0mm

Forecast for Tuesday 10 Oct 2023

Weather: Possible cloudy start with chance of some patchy light rain. Turning dry with brighter spells late morning and early afternoon. Cloud thickening late afternoon and into Monday evening bringing increasing chance of some rain towards dusk.

Maximum wind: West or Southwest 15-20 mph.

Chance of cloud-free hill tops above 600m: 40% becoming 80% by mid-day then 20% through the evening

Low cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases occasional down to 500m at first and extensively so for the evening.

Temperature: **Valleys:** Plus 12 Celsius increasing 20 Celsius for the afternoon
At 600m: Plus 12-14 Celsius
Freezing level: Above all summits

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